



## **INTRODUCTION**

The Poushali Electronics make 'Photo Electric Switch' has been designed to control different system ON/OFF control depending upon ambient light, mainly used for Street Lamp or Aviation Lamp in all types of modern Industries, specially in the POWER , CEMENT, METAL & STEEL, MATERIAL HANDLING sectors and also Street.

The Photo Electric Switch is wall mounting type and hazard free in operation. It is designed with special Light Sensor and digital ICs which are reliable and give highly stable output, and also provide steady and hazard free operation. All components used, are easily available to facilitate easy and cost effective maintenance.

The Photo Electric Switch is having 2nos. Fault LED that provides visual indication for "Open Circuit" and "Short Circuit" and energized relay for alarm or necessary action.

Reset Switch is provided for Fault Reset.

Test Switch is provided for Lamp Test.

## **SPECIFICATIONS**

Primary Sensor	: Photoelectric switch unit for light sensing
Solid State Output	: Steady or Flasher (1Sec ON and 1Sec Off )
Control Output	: Relay, 5Amp contact rating
Monitoring	: Using Current sensor and with Audio Video Output for diagnostic purposes
Electrical Protection	: Input / Output are Fuse Protected
Lamp failure Protection	: Output will go OFF
Test Mode	: Test switch for Lamp Test
Power Input	: 230V AC
Power Output	: 230V AC
Enclosure	: 3mm thick Powder Thermo Plastic Enclosure
IP Protection	: IP55
Mounting	: Wall mounting
Size	: 120mm (W) x 200mm (H) x 90mm (D)

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